Docket No.

251310US0/ams

IN THE UN ATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Hiroyuki YASUDA, et al.

SERIAL NO: 10/811,903

FILED:

March 30, 2004

GAU:

FOR:

EXAMINER: POLYMER, POLYMER FOR FORMING ORGANIC ELECTROLUMINESCENCE DEVICE, POLYMER

COMPOSITION FOR ORGANIC ELECTROLUMINESCENCE DEVICE AND ORGANIC **ELECTROLUMINESCENCE DEVICE**

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

Applicant(s) wish to disclose the following information.

REFERENCES

- The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

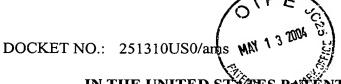
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ELECTROLUMINESCENCE DEVICE

STATEMENT OF RELEVANCY

References AO, AW through AY on Form PTO-1449 are discussed in the specification.

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| U.S. PATENT DOCUMENTS | | | | | | | | |
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| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | | |
| | AW | M. A. BALDO, et al., Applied Physics Letters, vol. 75, no. 1, pages 4-6, "VERY HIGH-EFFICIENCY GREEN ORGANIC LIGHT-EMITTING DEVICES BASED ON ELECTROPHOSPHORESCENCE", July 5, 1999 | | | | | | |
| | AX | R. B. MILLER, et al., Organometallics, vol. 3, no. 8, pages 1261-1263, "STOICHIOMETRIC SYNTHESIS OF UNSYMMETRICAL MONONITROBIPHENYLS VIA THE PALLADIUM-CATALYZED CROSS-COUPLING OF ARYLBORONIC ACIDS WITH ARYL BROMIDES", 1984 | | | | | | |
| | AY | T. YAMAMOTO, Progress in Polymer Science, vol. 17, pages 1153-1205, "ELECTRICALLY CONDUCTING AND THERMALLY STABLE π - CONJUGATED POLY (ARYLENE) S PREPARED BY ORGANOMETALLIC PROCESSES", 1992 | | | | | | |
| | ΑZ | C. XIA, et al., Macromolecules, vol. 34, no. 17, pages 5854-5859, "DECREASED AGGREGATION PHENOMENA IN POLYFLUORENES BY INTRODUCING CARBAZOLE COPOLYMER UNITS", 2001 Additional References sheet(s) attacks and the company of the comp | | | | | | sheet(s) attached |
| Examiner | | | | | Date Considered | | | |
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